



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 7/a  
6/17/03  
tw

First Named

Inventor : Elango Pakriswamy

Appln. No. : 09/725,356

Filed : November 29, 2000

Title : HIGH BANDWIDTH LOW NOISE CROSS-  
COUPLED AMPLIFIER

Docket No. : V44.12-0138

Group Art Unit: 2651

Examiner: R. Holder

**RECEIVED**

JUN 16 2003

Technology Center 2000

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 215782975 US

Sir:

This is in response to the Office Action mailed on March 12, 2003, in which claims 1-20 were rejected. Please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel claims 17 and 18 without prejudice and amend claims 1, 2, 6, 7, 14, 19 and 20 (marked up version attached in Appendix), such that pending claims 1-16, 19 and 20 are as follows:

1 (Amended) A differential amplifier circuit for amplifying an input signal and for providing an output signal representative of the input signal, the differential amplifier circuit comprising:

first and second input signal nodes;

a first amplifier circuit including an input transistor operatively connected to the first input signal node;

a second amplifier circuit including an input transistor operatively connected to the second input signal node;

a first coupling circuit including a capacitor and an active element, the first coupling circuit being connected such that the capacitor and the active element are

Sub  
B/L

ai



Receipt is hereby acknowledged by the Patent & Trademark Office of the following:

Express Mail Cover Sheet  
Amendment

in the patent application of Elango Pakriswamy, appl. no.  
09/725,356, filed November 29, 2000 for HIGH BANDWIDTH LOW  
NOISE CROSS-COUPLED AMPLIFIER

AMK:JMH:car  
V44.12-0138  
6/12/03

RECEIVED

JUN 16 2003

Technology Center 2600



06-13-03

2651

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Elango Pakriswamy

Appln. No. : 09/725,356

Filed : November 29, 2000

Title : HIGH BANDWIDTH LOW NOISE CROSS-  
COUPLED AMPLIFIER

Docket No. : V44.12-0138

Group Art Unit: 2651

Examiner: R. Holder

**RECEIVED**

JUN 16 2003

**EXPRESS MAIL COVER SHEET**

Technology Center 2600

Mail Stop Non-Fee Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 215782975 US

Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. Amendment
2. Postcard

Respectfully submitted,

KINNEY &amp; LANGE, P.A.

Date:

6/12/03

By

Alan M. Koenck, Reg. No. 43,274  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
Minneapolis, MN 55415-1002  
Telephone: (612) 339-1863  
Fax: (612) 339-6580